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**Amphill Rural District Council.**

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# **ANNUAL REPORT**

FOR THE

**YEAR 1937**

OF

*Medical Officer of Health*

AND

*Sanitary Inspector*

---



# Amphill Rural District Council.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour of laying before you my Annual Report on the Public Health and Sanitary conditions prevailing in your District for the year ending December 31st, 1937.

This Report is drawn up in accordance with the Ministry of Health's circular 1650, dated 4th October, 1937.

## Section A. STATISTICS OF THE AREA.

|   |   |   |   |   |         |
|---|---|---|---|---|---------|
| Area in Acres                                   | - | - | - | - | 62,553  |
| Population—Census for 1937 (estimated mid-year) | - | - | - | - | 18,550  |
| Census for 1931                                 | - | - | - | - | 17,483  |
| Number of Inhabited Houses, end of 1937         | - | - | - | - | 5,790   |
| Rateable Value                                  | - | - | - | - | £77,175 |
| Sum represented by a Penny Rate                 | - | - | - | - | £273    |

## SOCIAL CONDITIONS OF THE AREA.

The occupations of the inhabitants consist of farming, market gardening, and factory work. The villages of Woburn, Aspley Guise, Aspley Heath, and Flitwick are residential districts.

A large number of persons work in the factories at Luton, and the brick-yards at Stewartby and Marston Valley find employment for many of the occupiers of adjacent villages which lie on the northern boundary of your district.

## UNEMPLOYMENT.

The following are the percentages of the unemployed on April 4th, 1938 :—

|                  |   |   |   |     |
|------------------|---|---|---|-----|
| Bedfordshire     | - | - | - | 4.5 |
| Bedford          | - | - | - | 4.1 |
| Dunstable        | - | - | - | 6.6 |
| Leighton Buzzard | - | - | - | 2.7 |
| Luton            | - | - | - | 4.4 |
| Biggleswade      | - | - | - | 6.0 |

## EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

|              |                | Total | Males | Females |   |
|--------------|----------------|-------|-------|---------|---|
| Live Births  | { Legitimate   | 286   | 153   | 133     | } Birth rate 15.9 per 1000 of resident population.  |
|              | { Illegitimate | 10    | 4     | 6       |   |
| Still Births | { Legitimate   | 7     | 4     | 3       | } Birth rate 29.5 per 1000 Births (live & still).   |
|              | { Illegitimate | 2     | 1     | 1       |   |
| Deaths       | -              | 252   | 124   | 128     | } Death rate 10.5* per 1000 of resident population. |

\* This figure has been arrived at after multiplying by the comparability factor.

## DEATHS FROM PUERPERAL CAUSES.

(Headings 29 &amp; 30 of the Registrar-General's Short List).

|                                | No deaths. | Rate 0 per 1000<br>(live & still) births. |
|--------------------------------|------------|---|
| No. 29. Puerperal Sepsis       | - 0        |   |
| No. 30. Other Puerperal causes | - 0        |   |

## MATERNAL MORTALITY FOR ENGLAND &amp; WALES.

|                  |   |                                     |
|------------------|---|-------------------------------------|
| Puerperal Sepsis | - | .94 per 1000 live and still births. |
| Others           | - | 2.17 „ „ „                          |

## Death Rate of Infants under one year of age :—

|  |    |    |    |    |      |
|--|----|----|----|----|------|
| All Infants per 1000 live births                   | .. | .. | .. | .. | 50.6 |
| Legitimate Infants per 1000 legitimate live births | .. | .. | .. | .. | 52.4 |
| Illegitimate „ „ illegitimate „ „                  | .. | .. | .. | .. | 0.0  |
| Deaths from Measles (all ages)                     | -  | -  | -  | -  | 0    |
| „ „ Whooping Cough (all ages)                      | -  | -  | -  | -  | 0    |
| „ „ Diarrhoea (under 2 years)                      | -  | -  | -  | -  | 0    |
| „ „ Scarlet Fever                                  | -  | -  | -  | -  | 0    |
| „ „ Diphtheria                                     | -  | -  | -  | -  | 1    |

## BIRTH RATES FOR 1937.

|                        |   |       |                     |   |       |
|------------------------|---|-------|---------------------|---|-------|
| England and Wales      | - | 14.9  | Average for 5 years | - | 14.7  |
| Amphill Rural District | - | 15.9  | „ „                 | - | 14.5  |
| County of Bedford      | - | 15.5  | „ „                 | - | 14.5  |
| County of Cambridge    | - | 12.2  | „ „                 | - | 11.9  |
| County of Buckingham   | - | 14.8  | „ „                 | - | 14.4  |
| County of Northampton  | - | 14.08 | „ „                 | - | 13.07 |

## DEATH RATES FOR 1937.

|                        |   |      |                     |   |       |
|------------------------|---|------|---------------------|---|-------|
| England and Wales      | - | 12.4 | Average for 5 years | - | 11.9  |
| Amphill Rural District | - | 10.5 | „ „                 | - | 11.1  |
| County of Bedford      | - | 10.5 | „ „                 | - | 10.8  |
| County of Cambridge    | - | 11.2 | „ „                 | - | 11.6  |
| County of Buckingham   | - | 11.3 | „ „                 | - | 11.02 |
| County of Northampton  | - | 12.2 | „ „                 | - | 12.27 |

## DEATHS FROM CANCER.

|      | No. of Deaths. |          |        | Rate per million living. |                          |
|------|----------------|----------|--------|--------------------------|--------------------------|
|      | Males.         | Females. | Total. | England & Wales.         | Rate per million living. |
| 1933 | 24             | 17       | 41     | 2249                     | 1526                     |
| 1934 | 13             | 12       | 25     | 1416                     | 1563                     |
| 1935 | 12             | 17       | 29     | 1637                     | 1587                     |
| 1936 | 22             | 29       | 51     | 2825                     | 1625                     |
| 1937 | 16             | 22       | 38     | 2048                     | 1632                     |

## DEATHS FROM TUBERCULOSIS.

|      | No. of Deaths. |          |        | Rate per million living. |                          |
|------|----------------|----------|--------|--------------------------|--------------------------|
|      | Males.         | Females. | Total. | England & Wales.         | Rate per million living. |
| 1933 | 2              | 10       | 12     | 650                      | 824                      |
| 1934 | 3              | 2        | 5      | 283                      | 764                      |
| 1935 | 7              | 6        | 13     | 734                      | 718                      |
| 1936 | 5              | 7        | 12     | 664                      | 692                      |
| 1937 | 3              | 7        | 10     | 539                      | 695                      |

## DEATHS FROM ALL CAUSES.

|  | M.        | F.        |
|--|-----------|-----------|
| Cerebro-Spinal Fever .. .. .                                       | 0         | 0         |
| Measles .. .. .  | 0         | 0         |
| Scarlet Fever .. .. .  | 0         | 0         |
| Whooping Cough .. .. .   | 0         | 0         |
| Diphtheria .. .. .   | 1         | 1         |
| Influenza .. .. .  | 5         | 10        |
| Encephalitis Lethargica .. .. .                                    | 0         | 0         |
| Tuberculosis of Respiratory System .. .. .                         | 1         | 5         |
| Other Tuberculosis Diseases .. .. .                                | 2         | 2         |
| Syphilis .. .. .   | 1         | 0         |
| General Paralysis of the Insane, Tabes Dorsalis .. .. .            | 0         | 0         |
| Cancer Malignant Disease .. .. .                                   | 16        | 22        |
| Diabetes .. .. .   | 3         | 1         |
| Cerebral Hæmorrhage, etc. .. .. .                                  | 7         | 8         |
| Heart Disease .. .. .  | 29        | 30        |
| Aneurysm .. .. .   | 1         | 0         |
| Other Circulatory Diseases .. .. .                                 | 7         | 5         |
| Bronchitis .. .. .   | 2         | 4         |
| Pneumonia (all forms) .. .. .                                      | 6         | 3         |
| Other Respiratory Diseases .. .. .                                 | 0         | 1         |
| Peptic Ulcer .. .. .   | 2         | 0         |
| Diarrhœa, etc. (under 2 years) .. .. .                             | 0         | 0         |
| Appendicitis .. .. .   | 1         | 0         |
| Cirrhosis of Liver .. .. .   | 1         | 0         |
| Other Diseases of Liver .. .. .                                    | 0         | 1         |
| Other Digestive Diseases .. .. .                                   | 3         | 1         |
| Acute and Chronic Nephritis .. .. .                                | 7         | 7         |
| Puerperal Sepsis .. .. .   | 0         | 0         |
| Other Puerperal Causes .. .. .                                     | 0         | 0         |
| Congenital Debility, Premature Births, Malformations, etc. .. .. . | 6         | 5         |
| Senility .. .. .   | 3         | 3         |
| Suicide .. .. .  | 3         | 2         |
| Other violence .. .. .   | 7         | 5         |
| Causes ill-defined or unknown .. .. .                              | 2         | 4         |
| Other defined Diseases .. .. .                                     | 8         | 8         |
|  | <hr/> 124 | <hr/> 128 |

## Section B.

*General Provision of Health Services for the Area.*

## (i).—PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY:—

1. *Medical Superintendent* of the Isolation and Small Pox Hospitals at Steppingley —DR. VAN LANGENBERG, M.R.C.S. Eng., L.R.C.P. London (Part-time Officer).
2. *Medical Officer of Health*—DR. W. K. PARBURY, M.R.C.S. Eng., L.R.C.P. Lond., D.M.R.E. Cambs., D.P.H. Cambs. (part time to your Authority, but devotes whole time to duties of Medical Officer of Health).
3. *Sanitary Inspector and Surveyor*—MR. LEONARD FOSTER, M.I.M. and Cy. E. : Certificate of the R.S.I. (Whole-time Officer).
4. *Additional Sanitary Inspector*—MR. THOS. A. HAWTIN, A.R.S.I. : Certificate of the R.S.I. (Whole-time Officer).

## (ii.) (a)—LABORATORY FACILITIES.

Your Council used to make arrangements with DR. WYATT, of St. George's Hospital, for the bacteriological examinations of pathological specimens sent to him, but Dr. Wyatt has given up his bacteriological work at St. George's Hospital; I am therefore unable to give the number of specimens examined during the year under review. Dr. BOYCOTT has taken on Dr. Wyatt's work.

## (b)—AMBULANCE FACILITIES.

## (a) FOR INFECTIOUS CASES.

A motor Ambulance is kept at the Steppingley Isolation Hospital.

## (b) FOR NON-INFECTIOUS AND ACCIDENT CASES.

A Public Ambulance is kept at the Bedford Fire Station and is available for your District. The Police Station can be communicated with by telephone. The 'phone number is 2222. Another Ambulance is kept at the Luton Police Station—'phone number is 2210. A third Ambulance under the control of the British Red Cross is kept at Dunstable.

## (c)—PROFESSIONAL NURSING IN THE HOME.

GENERAL.—The Bedfordshire Nursing Association supplies 11 Nurses to 8 Parishes in your District. These Nurses attend Maternity cases and minor Medical and Surgical cases. They are not allowed to attend any infectious disease. The local Association for each area employing a Nurse, supervises her work and provides her salary, which is raised by voluntary subscriptions and by small fees paid by non-members of the local Association.

The following villages are supplied with Nurses :—

|                  |   |                          |  |            |   |               |
|------------------|---|--------------------------|--|------------|---|---------------|
| Aspley Guise     | - | Nurse Davis              | Haynes   | -          | - | Nurse Menhams |
| Husborne Crawley |   | " "                      | This local branch was closed down on Sept. 30th, 1937, and the midwifery was undertaken by Nurse Fuller, of Bedford. |            |   |               |
| Aspley Heath     | - | " Faulkner               | Marston Moretaine  | -          | - | Nurse Alcock  |
| Silsoe           | - | " Nuckold                | Millbrook  | -          | - | " Cheeseman   |
| Flitton          | - | " "                      | This local branch was closed down on Sept. 30th, 1937. The midwifery was undertaken by Nurse Jarman, of Amptill.     |            |   |               |
| Flitwick         | - | " Hinchcliffe,<br>S.R.N. | Maulden  | -          | - | Nurse Harvey  |
| Steppingley      | - | " "                      | Tingrith   | -          | - | " Middleton   |
| Gravenhurst      | - | " McEnroe                | Woburn,  | Eversholt, |   |               |
| Shillington      | - | " "                      | Ridgmont and   | Mil-       |   |               |
|                  |   |                          | ton Bryan  | -          | - | " Thomas      |

INFECTIOUS DISEASES.—There is an Isolation Hospital at Steppingley which takes in cases of Infectious Disease. Your Authority does not provide nursing in the home for these cases.

## MIDWIVES.

There are 12 Midwives who have notified their intention to practise in your district, including those employed by the Nursing Association. They are supervised by a Committee appointed by the County Council.



## (d)—CLINICS AND TREATMENT CENTRES.

These are undertaken by the County Council.

## (e)—HOSPITALS (a).

| Hospital                      | Situation   | Purpose  | No. of Beds | Medical Staff | Management |
|-------------------------------|-------------|--|-------------|---------------|------------|
| Isolation Hospital -          | Steppingley | Infectious Diseases                                  | 20          | 1             | L.A.       |
| Small Pox Hospital -          | Steppingley | Small Pox -  | 8           | 1             | L.A.       |
| Tuberculosis Sanatorium -     | Mogerhanger | Tuberculosis -                                       | 84          | 1             | C.C.       |
| Beds. County Hospital -       | Bedford     | General Medical, Surgical, Maternity and Children -  | 105         |               | Voluntary  |
| S. Peter's Hospital -         | Bedford     | General Medical & Surgical, Maternity and Children - | 104         | 1             | C.C.       |
| Public Assistance Institution | Amphill     | Chronic Sick and Maternity -                         | 54          | 1             | C.C.       |
| Children's Home -             | Kempston    | Children -   | 45          | 1             | C.C.       |

## HOSPITALS (b)

| Purpose                    | Situation                               | Male | Beds Female |
|----------------------------|---|------|-------------|
| General Medical -          | Beds. County Hospital -                 | 18   | 18          |
| General Surgical -         | Beds. County Hospital -                 | 18   | 18          |
| General Medical & Surgical | St. Peter's Hospital -                  | 44   | 38          |
| Chronic Sick -             | Amphill Public Assistance Institution - | 26   | 25          |
| Children -                 | Kempston -                              |      | 45          |
| " -                        | Bedford County Hospital -               |      | 20          |
| " -                        | St. Peter's Hospital -                  |      | 13          |
| Maternity -                | Bedford County Hospital -               |      | 13          |
| " -                        | St. Peter's Hospital -                  |      | 5           |
| " -                        | Bedford & County Girls' Home -          |      | 14          |
| " -                        | Amphill Public Assistance Institution - |      | 3           |
| Tuberculosis -             | Sanatorium at Mogerhanger -             |      | 84          |
| Mental -                   | St. Peter's Hospital -                  | 2    | 2           |

## INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS, AND HOMELESS CHILDREN.

| Institution                  | Situation                 | Authority                   | Accommodation        |
|------------------------------|---------------------------|-----------------------------|----------------------|
| Children's Home              | Kempston                  | Public Assistance Committee | 45 Homeless Children |
| Bedford & County Girls' Home | Ashburnham Road, Bedford* |                             | 14 Maternity Cases   |

\* Supported by the Ministry of Health, Town & County Councils, and by voluntary contributions.

## LEGISLATION IN FORCE.

## ADOPTIVE ACTS.

Public Health Act 1890. Part III. Sec. 16, 17, 18, 19, 21, 23, 25, 26 (2) 28, 32, 33, 48 & 49.

Public Health Acts Amendment Act 1907.

Part II, Sec. 15, 16, 17 (Aspley Guise, Aspley Heath, Flitwick and Maulden).

Sec. 20, 29, 33 (Whole District).

Part III, Sec. 34, 35, 36, 37, 38, 43, 44, 45, 46

Part IV, Sec. 52, 53, 54, 55, 56, 57, 59, 60, 61, 62, 63, 64, 65, 66, 67 } Whole District.

## BYELAWS AND REGULATIONS.

New Streets and Buildings. Slaughter Houses. Drainage of Existing Buildings.

## Section C.

## WATER.

The following parishes now have a piped supply :—

| <i>Parishes</i>     |   |   |   | <i>Source of Supply.</i>            |
|---------------------|---|---|---|-------------------------------------|
| Aspley Guise        | - | - | - | Birchmoor                           |
| Aspley Heath        | - | - | - | Birchmoor                           |
| Clophill            | - | - | - | Ampthill U.D.C.                     |
| Cranfield           | - | - | - | Birchmoor                           |
| Eversholt           | - | - | - | Birchmoor                           |
| Flitton             | - | - | - | Birchmoor                           |
| Flitwick            | - | - | - | Birchmoor                           |
| Gravenhurst         | - | - | - | Birchmoor                           |
| Harlington          | - | - | - | Birchmoor                           |
| Haynes              | - | - | - | Ampthill U.D.C.                     |
| Hulcote and Salford | - | - | - | Birchmoor                           |
| Houghton Conquest   | - | - | - | Birchmoor                           |
| Husborne Crawley    | - | - | - | Duke of Bedford's own supply        |
| Lidlington          | - | - | - | Birchmoor and Springs at Lidlington |
| Marston Moretaine   | - | - | - | Birchmoor                           |
| Maulden             | - | - | - | Ampthill U.D.C.                     |
| Millbrook           | - | - | - | Birchmoor                           |
| Milton Bryan        | - | - | - | Birchmoor                           |
| Pulloxhill          | - | - | - | Birchmoor                           |
| Ridgmont            | - | - | - | Duke of Bedford's own supply        |
| Shillington         | - | - | - | Birchmoor                           |
| Silsoe              | - | - | - | Birchmoor                           |
| Steppingley         | - | - | - | Birchmoor                           |
| Tingrith            | - | - | - | Birchmoor                           |
| Westoning           | - | - | - | Birchmoor                           |
| Woburn              | - | - | - | Birchmoor                           |

## WATER ANALYSES FROM THE BIRCHMOOR WELL.

Chemical Analysis of a Sample of Water on 8.8.'34 from Aspley Guise, Aspley Heath and Woburn Sands Drainage and Water Supply.

Labelled, Birchmoor Well. Taken by R. Grace. Witness, F. A. Gibson.

Date, 7.8.'34.

Appearance .. .. Bright with very slight deposit of vegetable debris.

Colour .. .. Normal

Odour .. .. Nil.

Free Carbonic Acid .. .. 2.2 Reaction, pH faint acid 6.3.



## RESULTS EXPRESSED IN PARTS PER 100,000

| Ca.                                 | Mg.  | Na   | CO <sub>3</sub> | SO <sub>4</sub> | Cl  | NO <sub>3</sub> | SiO <sub>2</sub> | Probable Combinations |       |
|-------------------------------------|------|------|-----------------|-----------------|-----|-----------------|------------------|-----------------------|-------|
| 1.1                                 | 0.35 |      | 1.2             | 2.1             | 1.9 | 1.24            | 1.20             |                       |       |
| 0.8                                 | —    |      | 1.2             | —               | —   | —               |                  | Calcium Carbonate     | 2.00  |
| 0.3                                 | —    |      | —               | 0.72            | —   | —               |                  | Calcium Sulphate      | 1.02  |
| —                                   | 0.35 |      | —               | 1.38            | —   | —               |                  | Magnesium Sulphate    | 1.73  |
| —                                   | —    | 1.24 | —q              | —               | 1.9 | —               |                  | Sodium Chloride       | 3.14  |
| —                                   | —    | 0.46 | —               | —               | —   | 1.24            |                  | Sodium Nitrate        | 1.70  |
| —                                   | —    | —    | —               | —               | —   | —               |                  | Silica                | 1.20  |
|                                     |      |      |                 |                 |     |                 |                  | Difference            | 0.21  |
| Total solid constituents at 180° C. |      |      |                 |                 |     |                 |                  |                       | 11.00 |

|  |     |           |     |       |        |
|--|-----|-----------|-----|-------|--------|
| Hardness—Permanent                           | 4.0 | Temporary | 0.5 | Total | 4.5    |
| Free Ammonia .. .. .                         |     |           |     |       | 0.0004 |
| Albuminoid Ammonia .. .. .                   |     |           |     |       | 0.0016 |
| Oxygen absorbed in 3 hours at 37° C. .. .. . |     |           |     |       | 0.0300 |
| Nitrites .. .. .                             |     |           |     |       | Absent |
| Metals .. .. .                               |     |           |     |       | Absent |

Report on the Bacteriological Examination of a Sample of Water received 6.4.'38 from Aspley Guise, Aspley Heath and Woburn Sands Drainage and Water Supply.

Source, Birchmoor Pumping Station. Well, direct from Pump.

Taken and signed by Thomas R. Povey. Witness, R. G. Grace. 5.4'38. 9.30 a.m.

Number of Colonies per c.c. or ml of water growing upon

Agar at 20° C. in 3 days .. .. . 3

Number of Colonies per c.c. growing upon

Agar at 37° C. ; in 1 day .. .. . 0

in 2 days .. .. . 3

Smallest quantity of water producing acid and gas in Bile-

Salt Lactose Broth after 2 days incubation at 37° C. Absent in 100 C.C.

Smallest quantity of water containing Bacillus Coli .. Absent in 100 C.C.

Smallest quantity of water giving the reaction of B. Welchii

(Bacillus Enteritidis Sporogenes) .. .. . Absent in 100 C.C.

This Sample is clear and bright and of a high degree of bacterial purity, in which respects it is pure and wholesome water, suitable for the purposes of public supply.

For Drs. BEALE and SUCKLING

(Signed) ERNEST SUCKLING.

### Report on the Bacteriological Examination of 3 Samples of Water taken at

(1) A tap : The Rectory, Houghton Conquest.

Taken and Signed : D. Davies. Witness : E. Bodsworth, 2.2.'38.

(2) A tap : 52, Bedford Road, Stondon.

Taken and Signed : D. Davies. Witness : E. Bodsworth. 2.2.'38.

(3) A tap : 71, Barton Road, Harlington.

Taken and Signed : D. Davies. Witness : J. E. Browning. 2.2.'38.

|  | <i>Houghton Conquest</i> | <i>Stondon</i>     | <i>Harlington</i>  |
|--|--------------------------|--------------------|--------------------|
| Number of Colonies per c.c. or ml of water growing upon Agar at 20° C. in 3 days ..                                      | 54                       | 13                 | 20                 |
| Number of Colonies per C.C. or ml of water growing upon Agar at 37° C. ; in 1 day  | 3                        | 1                  | 0                  |
| in 2 days  | 3                        | 1                  | 2                  |
| Smallest quantity of water producing acid and gas in Bile-Salt Lactose Broth after 2 days incubation at 37° C...         | Absent in 100 C.C.       | Absent in 100 C.C. | Absent in 100 C.C. |
| Smallest quantity of water giving the reaction of the <i>B. Welchii</i> ( <i>Bacillus Enteritidis Sporogenes</i> ) .. .. | Absent in 100 C.C.       | Absent in 100 C.C. | Absent in 100 C.C. |
| Smallest quantity of water containing the <i>Bacillus Coli</i> ..  | Absent in 100 C.C.       | Absent in 100 C.C. | Absent in 100 C.C. |

These three Samples are clear and bright, and of a high degree of bacterial purity, in which respects the water in all three Samples is pure and wholesome, suitable for drinking and domestic purposes.

For Drs. BEALE and SUCKLING  
(Signed) E. SUCKLING.

#### RAINFALL.

The station at which the rainfall is taken is Woburn. The diameter of the funnel of the rain gauge is 8 inches. Height above the ground is 12 inches. Altitude is 291 feet above sea level. Latitude 52° 1" N. Longitude 0° 35" W.

#### WOBURN.

|           |       | Greatest Rainfall<br>in 24 hours. |          | No. of days<br>with .01 in<br>or more | No. of days<br>with .04 in.<br>or more | At<br>GREAT BARFORD. |           |
|-----------|-------|-----------------------------------|----------|---------------------------------------|--|----------------------|-----------|
|           | Total | Inches                            | Date     |                                       |  | Total in<br>Inches.  | *Wet Days |
| January   | 3.16  | 0.33                              | Jan. 22  | 24                                    | 19                                     | 2.82                 | 21        |
| February  | 4.16  | 0.66                              | Feb. 7   | 22                                    | 15                                     | 3.11                 | 18        |
| March     | 3.27  | 0.69                              | Mar. 6   | 21                                    | 14                                     | 2.78                 | 22        |
| April     | 2.54  | 0.57                              | Apr. 20  | 15                                    | 11                                     | 2.41                 | 16        |
| May       | 3.94  | 1.03                              | May 25   | 16                                    | 11                                     | 4.14                 | 15        |
| June      | 1.49  | 0.47                              | June 13  | 10                                    | 6                                      | 1.19                 | 9         |
| July      | 1.21  | 0.50                              | July 15  | 9                                     | 7                                      | 1.65                 | 9         |
| August    | 2.36  | 1.10                              | Aug. 13  | 5                                     | 4                                      | 2.67                 | 8         |
| September | 1.46  | 0.44                              | Sept. 18 | 16                                    | 7                                      | 2.54                 | 11        |
| October   | 2.75  | 1.07                              | Oct. 27  | 12                                    | 9                                      | 2.26                 | 10        |
| November  | 1.84  | 0.61                              | Nov. 1   | 11                                    | 9                                      | 2.02                 | 9         |
| December  | 2.44  | 0.55                              | Dec. 4   | 23                                    | 12                                     | 2.34                 | 15        |
| Total     | 30.62 |                                   |          | 184                                   | 124                                    | 29.93                | 163       |

\*That is, days with .01 inches or more.

## RAINFALL IN PREVIOUS YEARS.

| Year. | Woburn. | Great Barford | England & Wales. |
|-------|---------|---------------|------------------|
| 1928  | 26.15   | 20.19         | 40.4             |
| 1929  | 21.81   | 18.89         | 35.2             |
| 1930  | 24.8    | 23.68         | 41.4             |
| 1931  | 26.18   | 21.52         | 43.2             |
| 1932  | 26.51   | 22.92         | 36.2             |
| 1933  | 17.77   | 16.93         | 29.3             |
| 1934  | 19.58   | 18.57         | 33.69            |
| 1935  | 26.13   | 24.57         | 40.14            |
| 1936  | 27.74   | 27.08         | 38.5             |
| 1937  | 30.62   | 29.93         | 39.1             |

I wish to express my thanks to Dr. Mann, of the Woburn Experimental Farm, and also to Mr. Arnold Whitchurch, of Great Barford, for supplying me with the above rainfalls.

## Report of the Sanitary Inspector and Surveyor for the Year 1937.

The following is a list of sanitary and other defects found and reported during the year :—

|  |    |    |    |     |
|--|----|----|----|-----|
| Defective and Insanitary closets           | .. | .. | .. | 26  |
| "    "    "    ashpits                     | .. | .. | .. | 5   |
| "    "    "    drains                      | .. | .. | .. | 30  |
| "    rainwater spouting                    | .. | .. | .. | 15  |
| Damp premises                              | .. | .. | .. | 6   |
| Dirty                                      | .. | .. | .. | 2   |
| Overcrowded dwellings                      | .. | .. | .. | 2   |
| Defective roofs and Chimneys               | .. | .. | .. | 24  |
| "    windows                               | .. | .. | .. | 22  |
| Repairs to floors, walls, etc.             | .. | .. | .. | 54  |
| Defective water supply                     | .. | .. | .. | 14  |
| Nuisance from animals                      | .. | .. | .. | 1   |
| Accumulations of offensive matter          | .. | .. | .. | 28  |
| Insufficient light and ventilation         | .. | .. | .. | 3   |
| Unsound Meat                               | .. | .. | .. | 3   |
| New Houses received Water Certificates     | .. | .. | .. | 264 |
| Samples of Water Analysed chemically       | .. | .. | .. | 24  |
| Rooms disinfected after infectious disease | .. | .. | .. | 72  |
| "    "    "    Tuberculosis                | .. | .. | .. | 13  |
| "    "    "    Cancer                      | .. | .. | .. | 15  |
| "    "    "    other diseases              | .. | .. | .. | 2   |
| Schools disinfected                        | .. | .. | .. | 2   |
| Total                                      |    |    |    | 627 |

The number of Water Certificates granted is a record for this Council.

|                                    |    |    |    |     |
|------------------------------------|----|----|----|-----|
| Number of Statutory Notices served | .. | .. | .. | 3   |
| "    "    informal                 | .. | .. | .. | 204 |
| "    "    complaints received      | .. | .. | .. | 41  |

## SEWERAGE.

All sewer ditches and sewage tanks have been periodically cleaned out.

Sewage schemes are now being prepared for eight parishes. Various repairs have been carried out to existing sewers, but no extensions or new lengths laid.

120 yards of old sewer at Houghton Conquest was relaid with 24 inch concrete tubes.

## WATER SUPPLY.

The laying of the water mains in nineteen parishes was completed by the end of the year, and the Council took over 83 miles of various size mains from three inch to eight inch.

Twenty-three extensions of the original mains have been laid and a scheme has been prepared for a further twenty-eight extensions estimated to cost £9,750.

Herewith is the List of Water Extensions done :—

|     |                                   |    |    |    |            |
|-----|-----------------------------------|----|----|----|------------|
| 1.  | Moulsoe Road, Cranfield           | .. | .. | .. | 1017 yards |
| 2.  | Deadmans Cross, Haynes            | .. | .. | .. | 292 "      |
| 3.  | Rectory Lane, Houghton Conquest.. | .. | .. | .. | 170 "      |
| 4.  | Station Road, Marston             | .. | .. | .. | 394 "      |
| 5.  | Beancroft Road                    | .. | .. | .. | 117 "      |
| 6.  | Amphill Road, Millbrook           | .. | .. | .. | 400 "      |
| 7.  | Brogboro, Ridgmont                | .. | .. | .. | 2644 "     |
| 8.  | Whitehall, Liddington             | .. | .. | .. | 297 "      |
| 9.  | Court Road, Cranfield             | .. | .. | .. | 205 "      |
| 10. | N. Crawley Road,                  | .. | .. | .. | 180 "      |
| 11. | Harter Avenue                     | .. | .. | .. | 80 "       |
| 12. | Coronation Road                   | .. | .. | .. | 147 "      |
| 13. | Church Walk                       | .. | .. | .. | 87 "       |
| 14. | Barton Road, Pulloxhill           | .. | .. | .. | 180 "      |
| 15. | Station Road, Liddington          | .. | .. | .. | 200 "      |
| 16. | Brogboro Hill, Ridgmont           | .. | .. | .. | 450 "      |
| 17. | Horsehills, Harlington            | .. | .. | .. | 100 "      |
| 18. | How End Road, Houghton Conquest   | .. | .. | .. | 280 "      |
| 19. | Merchant Lane, Cranfield          | .. | .. | .. | 40 "       |
| 20. | The Mount, Liddington             | .. | .. | .. | 160 "      |
| 21. | Broughton Road, Salford           | .. | .. | .. | 70 "       |
| 22. | New England, Eversholt            | .. | .. | .. | 243 "      |
| 23. | Brogboro Knot-hole, Ridgmont      | .. | .. | .. | 510 "      |

Some of the above were paid for in full by the owners, but the mains become the property of the Council.

The old supply at Liddington is still made use of.

The meters have been read quarterly; at the end of the year there were 244 in use.

841 applications were received for a supply of water to serve 965 premises, and during the year 700 services were laid.

Up to date 1668 applications have been received and dealt with relating to 2413 premises and 1317 services have been laid.

The mains are periodically flushed, as far as possible at night time.

The water is tested bacteriologically every three months.

Chemical analyses were made of samples from 24 private wells; 16 samples were fit for human consumption and 8 were unfit.

## SCAVENGING

343 loads of indestructible refuse has been removed during the year and deposited in the various dumps.

No alteration has been made in the scavenging work carried out in Flitwick, Westoning, Harlington, Aspley Guise, Aspley Heath and Woburn.

## FACTORIES AND WORKSHOPS

Inspections have been made of 28 bakehouses, 29 slaughterhouses, 27 butchers' shops, 1 knackers yard and 2 fishfrying shops ; 16 defects were found.

Thirty-two slaughtermen's licenses have been renewed and one new licence issued.

## SHOPS ACT, 1934.

During the year eight shops have changed hands.

There are now 67 general, 21 butchers, 12 bakers, etc., 11 stationery, etc., 7 radio, etc., 4 drapers, 3 hairdressers, 2 fish, 2 cobblers, 1 dairy and 1 ironmonger, making a total of 131.

Assistants are employed at 62.

The ventilation and heating are satisfactory.

Seven lock-up shops have not sanitary conveniences on the premises, but these are available in each case within a reasonable distance, and certificates of exemption from Sec. 10 (2) and (6) are held by the occupiers.

Sufficient sanitary accommodation is available in the remaining cases.

Ventilation has been improved in nine shops, and an additional water closet for the use of the assistants has been provided in another.

## MILK AND DAIRIES.

Since the regulations came into force 631 persons have been registered, and of those 167 persons are still on the register, comprised of 87 wholesalers and 80 retailers; nine have been added during the year.

## OVERCROWDING.

Council houses when vacant have been offered to overcrowded families; the twenty seven new houses were not erected in 1937 as it was anticipated, but some of them have now been started.

Permitted numbers have been given to 376 applicants.

Numerous cases of overcrowding have been abated by the natural course of events.

## HOUSE TO HOUSE INSPECTIONS.

220 premises were inspected in Flitwick, and 169 during a re-inspection of Shillington; since the end of the year, Westoning and Higham Gobion have been inspected.

## HOUSING.

The number of houses the property of the Council is 338 and eight are now being built.

The water is being laid on to these houses where the supply has been by wells; the work is being done gradually, partly by Contract, and partly by direct labour.

The arrears of rent at the end of the year amounted only to £2 19s.

## STREET NAMING AND HOUSE NUMBERING.

No new work has been undertaken in this department, the time is arriving when, owing to building developments, the old houses will need re-numbering in some roads.

## NEW BUILDINGS.

During the year plans were received for :—

|                            |                         |
|----------------------------|-------------------------|
| 134 Houses.                | 21 Shops and Workshops. |
| 21 Bungalows.              | 23 Garages.             |
| 5 Public Buildings.        | 15 New Drainage.        |
| 31 Additions to Houses.    |                         |
| Total, 250.                |                         |
| 430 Inspections were made. |                         |



SMOKE ABATEMENT.—No action has been found necessary.

## SWIMMING BATHS AND POOLS.

### (a) *Public.*

EVERSHOLT.—This is a small open-air pool. Water is obtained from a brook. School children in the parish admitted free, and a small charge is made for adults. Trees overhang the water.

The water was clear when the bath was visited.

The bathers are not numerous.

HUSBORNE CRAWLEY.—This open-air bath holds 60,000 gallons, and is fed from the village main supply. It is emptied and filled every fourteen days, and during the interval of emptying, the surface of the water is sprayed with a solution of chlorine to prevent vegetable growth.

The number of bathers vary from 15 to 30 per day, according to the weather. The water is very clear, and with the precautions taken should not get dirty or injurious.

WOBURN.—This is a similar bath to Husborne Crawley, being fed by private main from the Aspley Guise, Aspley Heath and Woburn Sands Joint Committee's reservoir at Bow Brickhill.

Chlorine is used in the same way as at Husborne Crawley. The number of bathers range from thirty to fifty on ordinary days, to as many as 90. The water was quite clear.

CRANFIELD COURT POOL.—This is a small pool constructed in conjunction with an open-air dance floor and café.

Water is pumped from a well on the estate and is changed when necessary.

It is proposed to discontinue the use of the pump and well, and take a supply from the Council's main.

The water appeared bright and clear when inspected.

### (b) *Private.*

PRIVATE SWIMMING POOLS.—At the Knoll, Aspley Heath, and at Hawnes School, Haynes Park.

ERADICATION OF BED BUGS.—No Council Houses were found to be infested.

In other cases, a sprayer and "Lawvercide" solution were supplied free to householders.

## MEAT.—CARCASSES INSPECTED AND CONDEMNED.

|   | <i>Cattle,<br/>excluding cows<br/>No record kept</i> | <i>Cows</i> |
|---|--|-------------|
| Number inspected .. .. .                        |  |             |
| <i>All diseases, except Tuberculosis. Whole</i> |  |             |
| carcasses condemned .. .. .                     | —  | —           |
| Carcasses of which some part or organ was       |  |             |
| condemned .. .. .                               | 2  | —           |
| <i>Tuberculosis only. Whole carcasses con-</i>  |  |             |
| <i>demned. .. .. .</i>                          | —  | —           |
| Carcasses of which some part or organ was       |  |             |
| condemned .. .. .                               | 1  | —           |

LEONARD FOSTER,  
*Surveyor and Inspector.*

THOS. A. HAWTIN,  
*Assistant Surveyor and Inspector.*

COUNCIL OFFICES,  
FLITWICK,

27th May, 1938.

# Annual Report of the Medical Officer of Health for the Year 1937, for the Rural District of Ampthill

On the administration of the Factory and Workshop Act, 1901, in connection with  
**FACTORIES, WORKSHOPS & WORKPLACES.**

## 1. INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES,

— INCLUDING —

INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

| Premises.<br>(1)  | Number of           |                         |                                 |
|---|---------------------|-------------------------|---------------------------------|
|   | Inspections.<br>(2) | Written Notices.<br>(3) | Occupiers<br>prosecuted.<br>(4) |
| FACTORIES .. .. .<br>(including Factory Laundries)      | —                   | —                       | —                               |
| WORKSHOPS .. .. .<br>(including Workshop Laundries)     | 87                  | 1                       | —                               |
| WORKPLACES .. .. .<br>(Other than Outworkers' Premises) | —                   | —                       | —                               |
| Total .. .. .   | 87                  | 1                       | —                               |

## 2. DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

| Particulars.<br>(1)  | Number of Defects. |                  |  | Number of<br>offences in<br>respect to<br>which pro-<br>secutions<br>were<br>instituted<br>(5) |
|--|--------------------|------------------|--|--|
|  | Found.<br>(2)      | Remedied.<br>(3) | Referred to<br>H.M.<br>Inspector.<br>(4) |  |
| <i>Nuisances under the Public Health Acts.*</i>  |                    |                  |  |  |
| Want of Cleanliness .. ..  | 9                  | 9                |  |  |
| Want of Ventilation .. ..  |                    |                  |  |  |
| Overcrowding .. .. .   |                    |                  |  |  |
| Want of drainage of floors.. ..  | 1                  | 1                |  |  |
| Other nuisances .. .. .  | 6                  | 6                |  |  |
| Sanitary accommodation { insufficient<br>unsuitable or defective<br>not separate for sexes   |                    |                  |  |  |
| <i>Offences under the Factory and Work-<br/>shop Acts :—</i>   |                    |                  |  |  |
| Illegal occupation of underground<br>bakehouse (s. 101) .. ..  |                    |                  |  |  |
| Other offences .. .. .<br>(Excluding offences relating to out-<br>work and offences under the Sections<br>mentioned in the Schedule to the<br>Ministry of Health (Factories and<br>Workshops Transfer of Powers)<br>Order, 1921) |                    |                  |  |  |
| Total .. .. .  | 16                 | 16               |  |  |

\* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901,  
as remediable under the Public Health Acts.



## THE SANITATION AND WATER SUPPLY OF ELEMENTARY SCHOOLS.

| SCHOOL.                 | Church of England or Council | Average No. of Pupils | Average Attendance | Type of Closet | Boys | Girls | Infants | Disposal of Excreta        | Drinking Water       |
|-------------------------|------------------------------|-----------------------|--------------------|----------------|------|-------|---------|----------------------------|----------------------|
| Aspley Guise .....      | Council                      | 54                    | 50                 | w.c.           | 2    | 2     | 2       | Sewer -                    | Main                 |
| Aspley Heath .....      | Council                      | 285                   | 257                | „              | 3    | 6     | 2       | Sewer -                    | Main                 |
| Clophill .....          | C. of E.                     | 144                   | 126                | E.C.           | 3    | 4     | 2       | Removed weekly             | Main                 |
| Cranfield .....         | C. of E.                     | 162                   | 148                | „              | 4    | 5     | 0       | Buried twice weekly        | Main                 |
| Eversholt .....         | Council                      | 28                    | 26                 | „              | 2    | 3     |         | Once weekly                | Main                 |
| Flitwick (Mixed) ....   | Council                      | 152                   | 140                | „              | 3    | 4     | 0       | Removed weekly             | Main                 |
| Flitwick (East End).... | Council                      | 41                    | 36                 | „              |      |       | 4       | Removed weekly             | Nil                  |
| Gravenhurst .....       | Council                      | 40                    | 36                 | „              | 1    | 2     | 1       | Pails emptied twice weekly | Main                 |
| Greenfield .....        | C. of E.                     | 75                    | 70                 | „              | 2    | 3     | 0       | Removed weekly             | Well                 |
| Harlington .....        | Council                      | 53                    | 47                 | „              | 3    | 3     | 3       | Sanitary cart twice weekly | Main                 |
| Haynes .....            | C.                           | 55                    | 50                 | „              | 2    | 3     | 0       | Drying Shed                | Main                 |
| Houghton Conquest ..    | Council                      | 52                    | 49                 | „              | 3    | 3     | 2       | Drying Shed                | Main                 |
| Husborne Crawley ..     | Council                      | 24                    | 23                 | „              | 2    | 2     | 0       | Buried 3 times weekly      | Main                 |
| Lidlington .....        | Council                      | 62                    | 56                 | „              | 2    | 3     | 1       | Drying Shed                | Main                 |
| Marston Moretaine ..    | Council                      | 90                    | 79                 | „              | 2    | 2     | 0       | Removed twice weekly       | Main                 |
| Marston Shelton ....    | Council                      | 59                    | 49                 | „              | 2    | 2     |         | Removed once a week        | Main                 |
| Maulden .....           | Council                      | 179                   | 164                | „              | 3    | 3     | 3       | Drying Shed                | Main                 |
| Millbrook .....         | Council                      | 17                    | 16                 | „              | 1    | 2     | 1       | Buried once weekly         | Main                 |
| Milton Bryan .....      | C. of E.                     | 14                    | 12                 | „              | 2    | 2     | 1       | Buried weekly              | Main                 |
| Pulloxhill .....        | C. of E.                     | 25                    | 23                 | „              | 2    | 1     | 1       | Removed once weekly        | Nil                  |
| Ridgmont .....          | Council                      | 62                    | 56                 | „              | 2    | 3     |         | Drying Shed                | Main                 |
| Salford and Hulcote ..  | C. of E.                     | 15                    | 14                 | „              | 2    | 2     |         | Removed weekly             | Pump at School House |
| Shillington .....       | Council                      | 162                   | 146                | „              | 2    | 4     |         | Drying Shed                | Main                 |
| Silsoe .....            | C. of E.                     | 80                    | 70                 | „              | 2    | 2     | 1       | Buried twice weekly        | Main                 |
| Steppingley .....       | Council                      | 24                    | 21                 | „              | 2    | 2     | 1       | Buried weekly              | Nil                  |
| Lower Stondon ....      | Council                      | 74                    | 73                 | „              | 2    | 2     | 2       | Drying Shed                | Main                 |
| Tingrith .....          | C. of E.                     | 10                    | 9                  | „              | 1    | 1     |         | Removed twice weekly       | Well                 |
| Westoning .....         | Council                      | 80                    | 73                 | „              | 3    | 3     | 2       | Drying Shed                | Main                 |
| Woburn .....            | Council                      | 42                    | 39                 | w.c.           | 2    | 2     | 1       | Sewer                      | Main                 |

## SCHOOL CLOSURES.

The following Schools were closed :—

| School           | Period closed     | Reason for closing      |
|------------------|-------------------|-------------------------|
| Greenfield       | 12-15 of January  | Influenza               |
| Husborne Crawley | 14-15 of January  | Influenza               |
| Eversholt        | 7-10 of September | Contact with Diphtheria |

## Section D.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b) ) :—

|  |     |
|--|-----|
| (i) By the Local Authority .. .. .       | 6   |
| (ii) By other Local Authorities .. .. .  | 1   |
| (iii) By other bodies or persons .. .. . | 262 |

(b) With State assistance under Housing Acts :—

|   |   |
|---|---|
| (i) By the Local Authority .. .. .      | 6 |
| (ii) By other bodies or persons .. .. . | 0 |

### HOUSING STATISTICS.

#### 1. *Inspection of Dwelling-houses during the Year :*

|   |     |
|---|-----|
| (1) (a) Total number of dwelling-houses inspected for housing defects<br>(under Public Health or Housing Acts) .. .. .  | 660 |
| (b) Number of inspections made for the purpose .. .. .  | 756 |
| (2) (a) Number of dwelling-houses (included under sub-head (1)<br>above) which were inspected and recorded under the Housing<br>Consolidated Regulations, 1925 .. .. .        | 389 |
| (b) Number of inspections made for the purpose .. .. .  | 389 |
| (3) Number of dwelling houses found to be in a state so dangerous or<br>injurious to health as to be unfit for human habitation .. .. .                                       | 5   |
| (4) Number of dwelling-houses (exclusive of those referred to under the<br>preceding sub-head) found not to be in all respects reasonably<br>fit for human habitation .. .. . | 292 |

#### 2. *Remedy of defects during the Year without Service of formal Notices :*

|  |     |
|--|-----|
| Number of defective dwelling-houses rendered fit in consequence of<br>informal action by the Local Authority or their Officers .. .. . | 290 |
|--|-----|

#### 3. *Action under Statutory Powers during the Year :*

A.—Proceedings under sections 9, 10, & 16 of the Housing Act, 1936 :

|  |   |
|--|---|
| (1) Number of dwelling-houses in respect of which notices were served<br>requiring repairs .. .. . | 2 |
| (2) Number of dwelling-houses which were rendered fit after service<br>of formal notices :—        |   |
| (a) By owners .. .. .  | 2 |
| (b) By Local Authority in default of owners .. .. .  | 0 |

B.—Proceedings under Public Health Acts :—

|   |   |
|---|---|
| (1) Number of dwelling-houses in respect of which notices were served<br>requiring defects to be remedied .. .. . | 0 |
| (2) Number of dwelling-houses in which defects were remedied after service<br>of formal notices :—                |   |
| (a) By owners .. .. .   | 0 |
| (b) By Local Authority in default of owners .. .. .   | 0 |

C.—Proceedings under sections 11 and 13 of the Housing Act, 1936 :

|  |    |
|--|----|
| (1) Number of dwelling-houses in respect of which Demolition Orders<br>were made .. .. . | 5  |
| (2) Number of dwelling-houses demolished in pursuance of Demolition<br>Orders .. .. .    | 23 |

D.—Proceedings under section 12 of the Housing Act, 1936 :

|   |   |
|---|---|
| (1) Number of separate tenements or underground rooms in respect of<br>which Closing Orders were made .. .. .   | 0 |
| (2) Number of separate tenements or underground rooms in respect of<br>which Closing Orders were determined, the tenement or room<br>having been rendered fit .. .. . | 0 |

4. *Housing Act, 1936.—Overcrowding :*

|   |     |
|---|-----|
| A.—(1) Number of dwellings overcrowded at the end of the year ..  | 62  |
| (2) Number of families dwelling therein .. .. .   | 63  |
| (3) Number of persons dwelling therein .. .. .  | 411 |
| B.—Number of new cases of overcrowding reported during the year ..  | 2   |
| C.—(1) Number of cases of overcrowding relieved during the year ..  | 10  |
| (2) Number of persons concerned in such cases .. .. .   | 74  |
| D.—Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding .. .. . | 0   |
| E.—Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report .. .. .                   |     |

Five of the abated cases were relieved by allotting a Council House to the overcrowded families.

**Section F.**

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The Steppingley Isolation Hospital receives cases of Scarlet Fever, Diphtheria, and Typhoid Fever from your district, and from the Urban District of Amptill.

|  |   |
|--|---|
| Number of patients on January 1st, 1937 .. .. .                | 6 |
| From the Amptill Rural District—Scarlet Fever 2, Diphtheria 4. |   |
| From the Amptill Urban District—0                              |   |

|  |    |
|--|----|
| Admissions during the year .. .. .   | 92 |
| From the Amptill Rural District—Scarlet Fever 46, Diphtheria 23.                       |    |
| From the Amptill Urban District—Scarlet Fever 4, Diphtheria 18, Cerebo-Spinal Fever 1. |    |

## Discharges—

|  |  |
|--|--|
| From the Amptill Rural District—Scarlet Fever 42, Diphtheria 23. |  |
| From the Amptill Urban District—Scarlet Fever 4, Diphtheria 16.  |  |

Deaths—Amptill Rural District—Diphtheria 2, Scalds 1.

Amptill Urban District—Diphtheria 1, Cerebo-Spinal Fever 1.

Number of patients on December 31st, 1937—

|  |  |
|--|--|
| From the Amptill Rural District—Scarlet Fever 6, Diphtheria 1. |  |
| From the Amptill Urban District—1.                             |  |

*Pneumonia*.—Twenty-three cases were notified, 9 deaths were registered.

*Erysipelas*.—Four cases were notified, no deaths occurred.

*Ophthalmia Neonatorum*.—No cases occurred.

*Puerperal Fever and Pyrexia*.—Three notifications of Pyrexia and one of Fever, all of whom recovered.

*Enteric Fever*.—No cases occurred.

*Small Pox*.—I am glad to report that there have been no cases of this disease during the year under review.

*Scarlet Fever*.—Fifty cases were notified, forty-six being removed to the Isolation Hospital. They occurred principally in the villages of Maulden, 9 cases, Ridgmont 7 cases, Shillington 7 cases, and Flitwick 6 cases. The remainder were divided among 12 parishes. The majority of them occurred between the ages of three to ten years. No deaths occurred.

*Diphtheria*.—Twenty-three cases were reported, all were removed to the Isolation Hospital. Two deaths occurred.

#### ARTIFICIAL IMMUNISATION AGAINST DIPHTHERIA.

In order to encourage Artificial Immunisation against Diphtheria, your Council has agreed to supply the necessary material without charge, and to allow the doctor attending the family a fee of 2s. 6d. per case. The following show the number who have taken advantage of this benefit :—

|                |     |    |    |    |    |    |              |
|----------------|-----|----|----|----|----|----|--------------|
| At Maulden     | ..' | .. | .. | .. | .. | .. | nine persons |
| „ Millbrook    | ..  | .. | .. | .. | .. | .. | eight „      |
| „ Clophill     | ..  | .. | .. | .. | .. | .. | three „      |
| „ Steppingley  | ..  | .. | .. | .. | .. | .. | one „        |
| „ Ridgmont     | ..  | .. | .. | .. | .. | .. | three „      |
| „ Aspley Guise | ..  | .. | .. | .. | .. | .. | ten „        |
|                |     |    |    |    |    |    | —            |
| Total          |     |    |    |    |    |    | 34.          |
|                |     |    |    |    |    |    | —            |

#### NON-NOTIFIABLE DISEASES.

*Chicken Pox*—The following Villages were affected :—

|               |                    |               |
|---------------|--------------------|---------------|
| Milton Bryan. | Silsoe.            | Aspley Guise. |
| Gravenhurst.  | Marston Shelton.   | Aspley Heath. |
| Harlington.   | Marston Moretaine. |               |
| Clophill.     | Lower Stondon.     |               |

*Measles*—Epidemics occurred in :—

|                   |               |                      |
|-------------------|---------------|----------------------|
| Husborne Crawley. | Silsoe.       | Haynes.              |
| Lower Stondon.    | Harlington.   | Steppingley.         |
| Woburn.           | Aspley Guise. | Marston Moretaine.   |
| Greenfield.       | Clophill.     | Aspley Heath.        |
| Lidlington.       | Ridgmont.     | Hulcote and Salford. |
| Eversholt.        | Tingrith.     |                      |
| Millbrook.        | Flitwick.     |                      |

*Mumps*—The following villages suffered from an outbreak :—

|             |                    |                  |
|-------------|--------------------|------------------|
| Greenfield. | Marston Moretaine. | Marston Shelton. |
|-------------|--------------------|------------------|

*Whooping Cough*—

|             |              |                  |
|-------------|--------------|------------------|
| Westoning.  | Gravenhurst. | Marston Shelton. |
| Harlington. | Steppingley. | Eversholt.       |
| Ridgmont.   | Silsoe.      |                  |

*Cancer*.—There have been 38 deaths of this disease, 16 males and 22 females. In the previous three years the females have outnumbered the males owing to the disease being more prone in the child-bearing organs of the female. I append below the organs attacked in both sexes and their ages :—

*Males—*

Alimentary Canal 8 cases. Ages 77, 74, 83, 57, 73, 72, 63, 63.

Respiratory System 1 case. Age 75.

Other Organs 7 cases. Ages 44, 80, 72, 80, 54, 69, 47.

*Females—*

Alimentary Canal 12 cases. Ages 31, 40, 76, 77, 84, 65, 87, 83, 46, 61, 74, 84.

Respiratory System no case.

Child-bearing Organs 9 cases. Ages 53, 55, 78, 70, 73, 43, 68, 22, 48.

Other organs 1 case. Age 75.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

|                            | Scarlet<br>Fever | Diphtheria | Pneumonia | Erysipelas | Puerperal<br>Fever | Puerperal<br>Pyrexia |
|----------------------------|------------------|------------|-----------|------------|--------------------|----------------------|
| Total Cases Notified -     | 50               | 23         | 24        | 4          | 1                  | 3                    |
| Cases Admitted to Hospital | 46               | 23         | 0         | 0          | 0                  | 0                    |
| Total Deaths - -           | 0                | 2          | 9         | ..         | ..                 | ..                   |
| Cases under 1 year - -     | ..               | ..         | 2         | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | ..        | ..         | ..                 | ..                   |
| Cases from 1-2 years -     | 1                | ..         | ..        | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | ..        | ..         | ..                 | ..                   |
| Cases from 2-3 years -     | 5                | 1          | ..        | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | ..        | ..         | ..                 | ..                   |
| Cases from 3-4 years -     | 6                | 2          | 1         | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | 1          | ..        | ..         | ..                 | ..                   |
| Cases from 4-5 years -     | 4                | ..         | ..        | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | ..        | ..         | ..                 | ..                   |
| Cases from 5-10 years -    | 21               | 5          | 2         | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | 1          | ..        | ..         | ..                 | ..                   |
| Cases from 10-15 years -   | 6                | 7          | 1         | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | ..        | ..         | ..                 | ..                   |
| Cases from 15-20 years -   | 1                | 2          | 2         | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | ..        | ..         | ..                 | ..                   |
| Cases from 20-35 years -   | 4                | 3          | 3         | ..         | 1                  | 3                    |
| Deaths „ „ -               | ..               | ..         | 2         | ..         | ..                 | ..                   |
| Cases from 35-45 years -   | 1                | 2          | 3         | 2          | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | 3         | ..         | ..                 | ..                   |
| Cases from 45-65 years -   | 1                | 1          | 8         | 2          | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | 2         | ..         | ..                 | ..                   |
| Cases 65 and upwards -     | ..               | ..         | 2         | ..         | ..                 | ..                   |
| Deaths „ „ -               | ..               | ..         | 2         | ..         | ..                 | ..                   |

## NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

| VILLAGES.             | Scarlet<br>Fever | Diphtheria | Pneumonia | Erysipelas | Puerperal<br>Fever | Puerperal<br>Pyrexia |
|-----------------------|------------------|------------|-----------|------------|--------------------|----------------------|
| Tingrith - -          | 1                | ..         | ..        | ..         | ..                 | ..                   |
| Houghton Conquest - - | ..               | 1          | ..        | ..         | ..                 | ..                   |
| Battlesden - -        | ..               | ..         | ..        | ..         | 1                  | ..                   |
| Eversholt - -         | 2                | 1          | ..        | ..         | ..                 | ..                   |
| Haynes - -            | ..               | ..         | 4         | ..         | ..                 | ..                   |
| Ridgmont - -          | 7                | ..         | 1         | ..         | ..                 | ..                   |
| Maulden - -           | 9                | 2          | 5         | 2          | ..                 | ..                   |
| Woburn - -            | ..               | ..         | ..        | 1          | ..                 | 2                    |
| Steppingley - -       | 1                | 2          | ..        | ..         | ..                 | ..                   |
| Flitwick - -          | 6                | 5          | 6         | 1          | ..                 | ..                   |
| Clophill - -          | 4                | 5          | 1         | ..         | ..                 | ..                   |
| Marston - -           | 1                | 1          | 1         | ..         | ..                 | ..                   |
| Shillington- -        | 7                | 3          | ..        | ..         | ..                 | ..                   |
| Westoning - -         | 2                | ..         | 2         | ..         | ..                 | ..                   |
| Silsoe - -            | 2                | 1          | 1         | ..         | ..                 | ..                   |
| Gravenhurst - -       | ..               | 1          | ..        | ..         | ..                 | ..                   |
| Pulloxhill - -        | 3                | ..         | 1         | ..         | ..                 | 1                    |
| Salford - -           | ..               | ..         | 1         | ..         | ..                 | ..                   |
| Aspley Guise - -      | 1                | ..         | 1         | ..         | ..                 | ..                   |
| Aspley Heath - -      | 2                | ..         | ..        | ..         | ..                 | ..                   |
| Harlington- -         | 1                | ..         | ..        | ..         | ..                 | ..                   |
| Lidlington- -         | ..               | 1          | ..        | ..         | ..                 | ..                   |
| Flitton - -           | 1                | ..         | ..        | ..         | ..                 | ..                   |
| Total - -             | 50               | 23         | 24        | 4          | 1                  | 3                    |

## TUBERCULOSIS—NEW CASES &amp; MORTALITY.

| Age Period.               | New Cases. |        |                |    | Deaths.    |    |                |    |
|---------------------------|------------|--------|----------------|----|------------|----|----------------|----|
|                           | Pulmonary. |        | Non-Pulmonary. |    | Pulmonary. |    | Non-Pulmonary. |    |
|                           | M.         | F.     | M.             | F. | M.         | F. | M.             | F. |
| Under 1 year .. ..        |            |        |                |    |            |    |                |    |
| 1 year to 5 years.. ..    |            |        | 1              |    |            |    | 1              | 1  |
| 5 years to 10 years .. .. |            |        |                | 1  |            |    |                |    |
| 10 " 15 " .. ..           |            |        |                | 1  |            |    |                |    |
| 15 " 20 " .. ..           |            |        |                |    |            |    |                |    |
| 20 " 25 " .. ..           |            | 1      |                |    |            | 3  |                |    |
| 25 " 35 " .. ..           |            | 2 + 1* |                |    |            | 1  |                |    |
| 35 " 45 " .. ..           | 1          |        |                | 1  |            | 1  |                | 1  |
| 45 " 55 " .. ..           |            |        |                |    | 1          |    |                |    |
| 55 " 65 " .. ..           |            | 1      |                |    |            |    | 1              |    |
| over 65 " .. ..           |            |        |                |    |            |    |                |    |
| Total .. ..               | 1          | 4 + 1* | 1              | 3  | 1          | 5  | 2              | 2  |

\* Transferred from another District.



## TUBERCULOSIS—NEW CASES &amp; MORTALITY.

| Villages.                | New Cases. |      |                |    | Deaths.    |    |                |    |
|--------------------------|------------|------|----------------|----|------------|----|----------------|----|
|                          | Pulmonary. |      | Non-Pulmonary. |    | Pulmonary. |    | Non-Pulmonary. |    |
|                          | M.         | F.   | M.             | F. | M.         | F. | M.             | F. |
| Woburn .. .. .           | 1          | ..   | ..             | 1  | ..         | .. | ..             | 1  |
| Silsoe .. .. .           | ..         | ..   | 1              | .. | ..         | 1  | 2              | .. |
| Clophill .. .. .         | ..         | ..   | ..             | .. | ..         | 2  | ..             | .. |
| Maulden .. .. .          | ..         | ..   | ..             | .. | ..         | 1  | ..             | .. |
| Flitwick .. .. .         | ..         | 2    | ..             | .. | ..         | .. | ..             | .. |
| Millbrook .. .. .        | ..         | ..   | ..             | .. | ..         | .. | ..             | 1  |
| Cranfield .. .. .        | ..         | ..   | ..             | .. | ..         | 1  | ..             | .. |
| Lidlington .. .. .       | ..         | 1*   | ..             | .. | ..         | .. | ..             | .. |
| Harlington .. .. .       | ..         | ..   | ..             | 1  | 1          | .. | ..             | .. |
| Husborne Crawley .. .. . | ..         | ..   | ..             | 1  | ..         | .. | ..             | .. |
| Haynes .. .. .           | ..         | 2    | ..             | .. | ..         | .. | ..             | .. |
| Total .. .. .            | 1          | 4+1* | 1              | 3  | 1          | 5  | 2              | 2  |

\* Transferred from another District.

PREVENTION OF BLINDNESS.—Public Health Amendment Act, 1925, Sec. 66. This is undertaken by the County Council.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925, and Section 62 of the Public Health Act, 1925.

No necessity for action under these regulations arose during the year under review.

In conclusion, I wish to take this opportunity of thanking your Clerk, MR. WEBBER, your deputy Clerk, MR. H. ROBINSON, and your Sanitary Inspectors, MR. L. FOSTER and MR. T. A. HAWTIN, for their valuable help in assisting me to carry out my duties.

I have the honour to be, Gentlemen,

Your obedient Servant,

W. K. PARBURY,

M.R.C.S. Eng., L.R.C.P. Ldn.,  
D.P.H. Camb., D.M.R.E. Camb.

June, 1938.





